

FIG.1

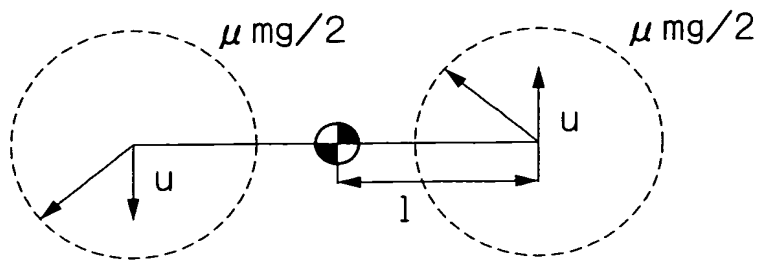


FIG.2

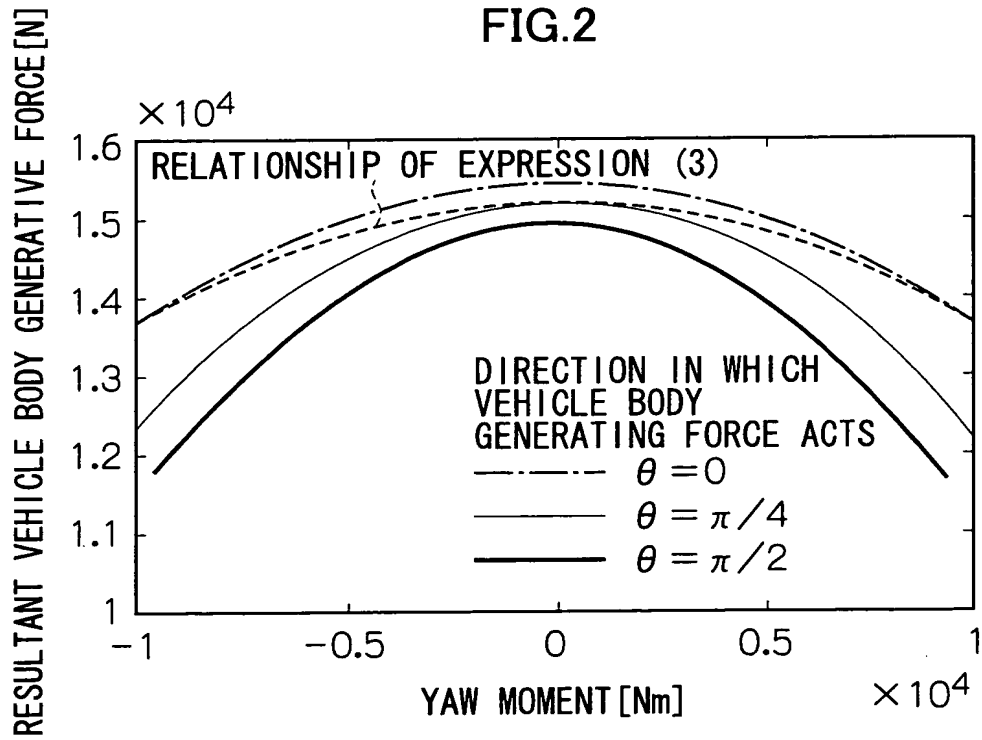


FIG.3

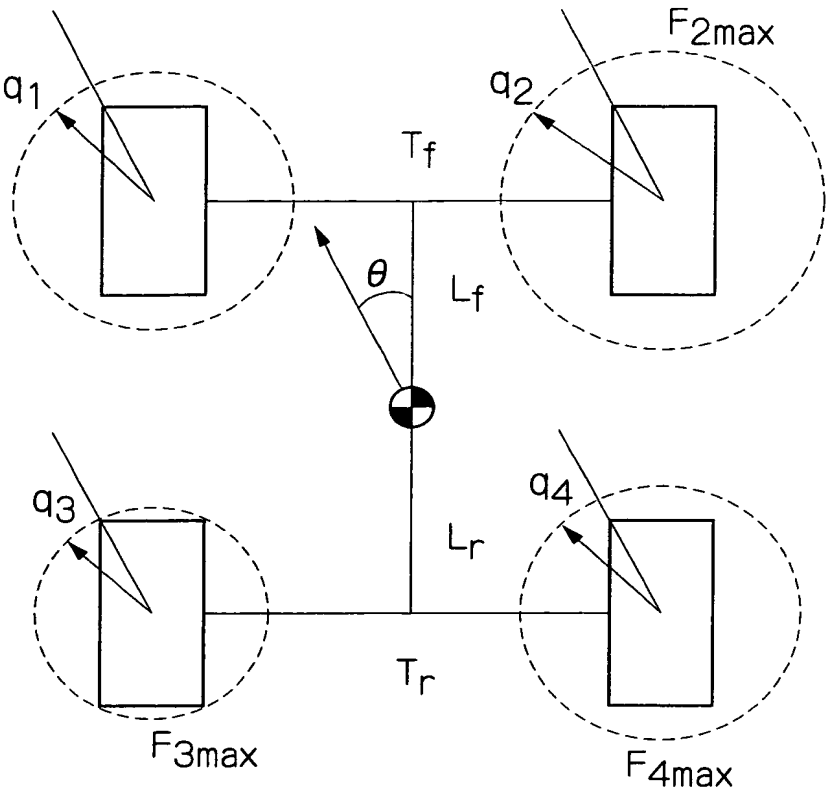
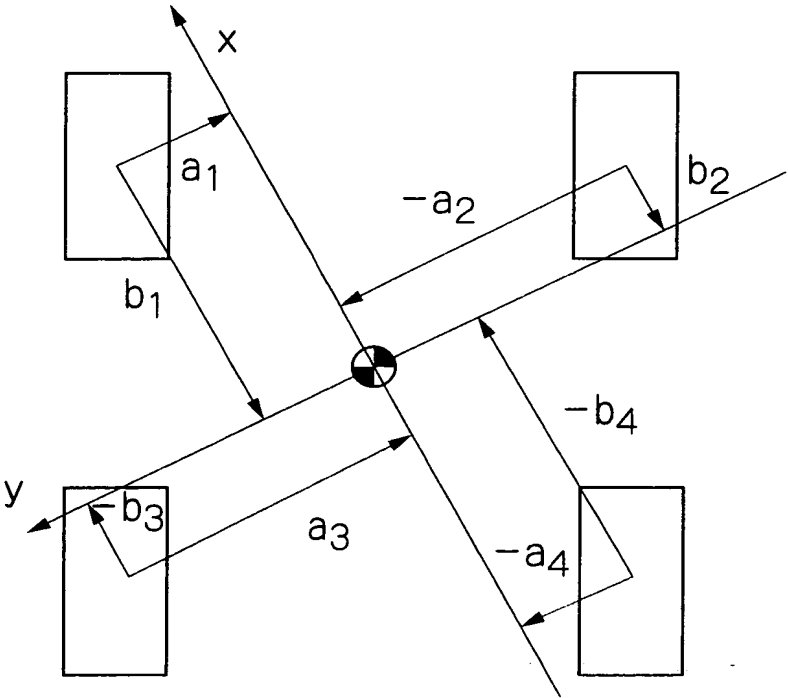
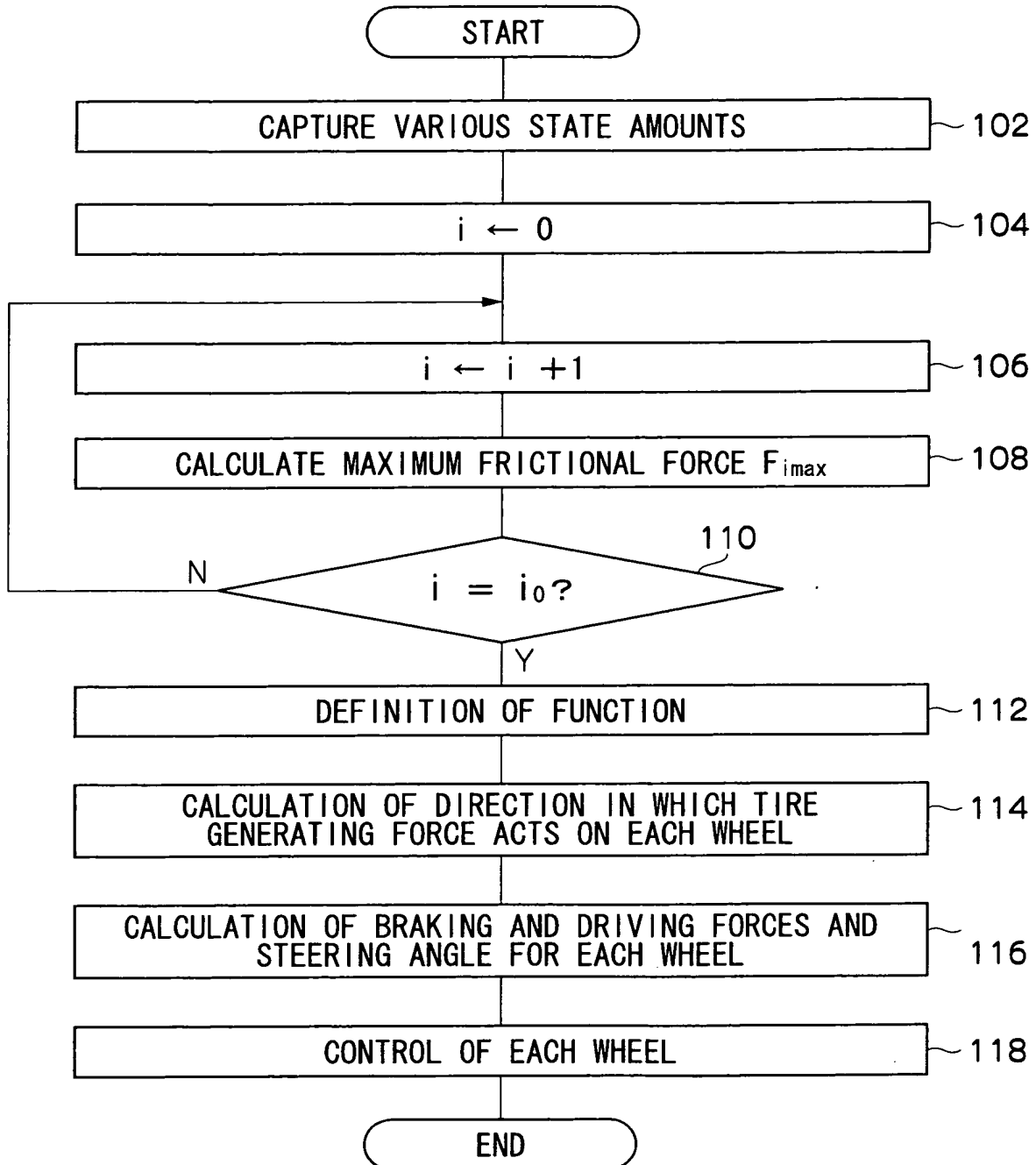


FIG.4



The diagram illustrates a vehicle steering control system. A vehicle chassis 10 is shown with front wheels 10FL and 10FR, and rear wheels 10RL and 10RR. A steering shaft 16 is connected to the front wheels. A steering angle sensor 34 is mounted on the shaft. An electric control device 30 receives inputs from a yaw rate sensor 36, longitudinal acceleration sensor 38, lateral acceleration sensor 40, and vehicle speed sensor 42. It also receives feedback from sensors 24FL, 24FR, 24RL, and 24RR. The control device 30 outputs to a hydraulic circuit 22, which actuates a hydraulic cylinder 20. The cylinder 20 is connected to the steering knuckle 14 via a steering arm 26. A dashed line 12 indicates the vehicle's longitudinal axis.

FIG.6



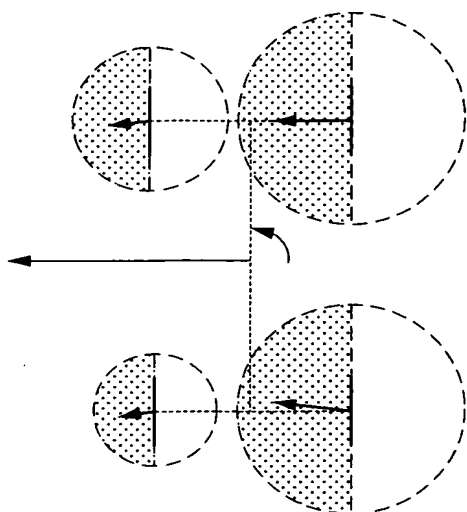


FIG. 7A

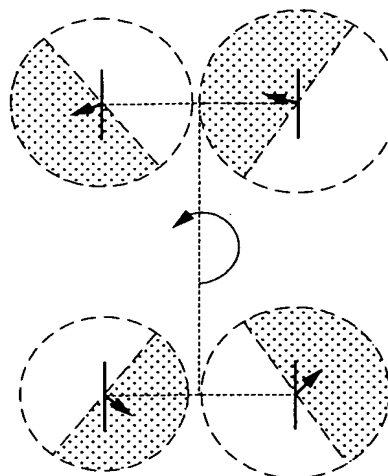


FIG. 7B

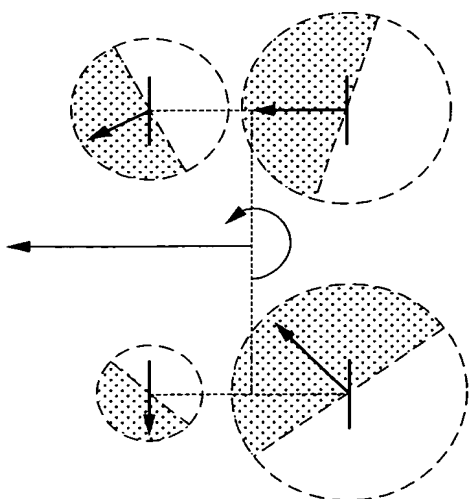


FIG. 7C

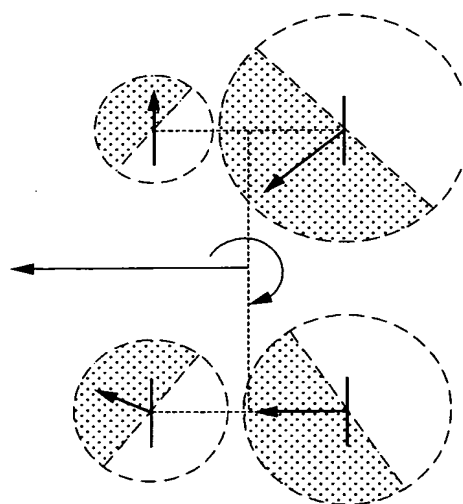


FIG. 7D